

ART. XVII.—Some Corals from Kermadec Islands.*

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Communicated by Professor W. B. Benham, F.R.S.

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Plates XVII-XX.

PROFESSOR W. B. BENHAM, in 1910, forwarded to me the collection of corals made by Mr. W. R. B. Oliver in the Kermadec Islands in 1908, with the request that I send him a report, but other duties obliged me to defer carefully studying it until May, 1916. The specimens on which the following notes or descriptions are based were presented to the U.S. National Museum by Professor Benham, except the paratype of *Goniastrea benhami*, which has been returned; duplicate specimens or parts of specimens were retained by him, and are deposited in the University of Otago, New Zealand.

In a paper entitled "Some Shoal-water Corals from Murray Island, Australia, Cocos-Keeling Islands, and Fanning Island," now in press as part of Publication 213 of the Carnegie Institution of Washington, the following species, which also occur in the Kermadec Islands, are considered in some detail and figured: *Pocillopora bulbosa* Ehrenberg, *Orbicella curta* Dana, *Cyphastrea serailia* (Forsk.), *Leptoria tenuis* (Dana). As the memoir mentioned is not yet in proof, references to the pages on which the descriptions will appear and references to the plates and figures cannot now be given.

GEOGRAPHIC DISTRIBUTION OF CORALS FROM KERMADEC ISLANDS.

Name.	Distribution.
<i>Pocillopora bulbosa</i> Ehrenberg	From Cocos-Keeling Islands to Fiji Islands; represented in the Hawaiian Islands by the closely related if not specifically identical <i>P. cespitosa</i> Dana.
<i>Orbicella curta</i> Dana	.. Great Barrier Reef, thence eastward to the Paumotus.
<i>Cyphastrea serailia</i> (Forsk.)	.. Red Sea; Indian Ocean; Great Barrier Reef; Philippine Islands.
<i>Goniastrea benhami</i> n. sp.	.. Formosa; probably Singapore.
<i>Leptoria tenuis</i> (Dana)	.. South Philippines; Fiji Islands.
<i>Sclerophyllia margariticola</i> Klz.	Red Sea; west Indian Ocean.
<i>Turbinaria crater</i> (Pallas)	.. Torres Strait; Amboina.
<i>Montipora caliculata</i> (Dana) Bernard	Torres Strait; New Guinea; Macclesfield Bank; Kandavu.

All the species are widely distributed Indo-Pacific corals; five of the eight are known from eastern Australia, while another occurs both east and west of the Great Barrier Reef. Two of the species are known from the Philippines or Formosa, but as yet have not been authentically reported from Australia.

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